

Applicants: Virginia M. Litwin et al.
Serial No.: 08/891,062
Filed: June 25, 2001
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Amendments to the Specification

Please amend the specification as indicated below:

Please insert the following paragraph before the paragraph starting on page 12, line 3:

Murine hybridomas PA-6 and PA-7, secreting monoclonal antibodies PA-6 and PA-7, respectively, were deposited pursuant to, and in satisfaction of, the requirements of the Budapest Treaty On The International Recognition Of The Deposit Of Microorganisms For The Purposes Of Patent Procedure (the "Budapest Treaty") with the American Type Culture Collection (ATCC), 10801 University Blvd., Manassas, VA 20110-2209, on March 24, 2005 under ATCC Accession Nos. PTA-6637 (PA-6) and PTA-6638 (PA-7), respectively.

Please replace the paragraph on page 33, lines 6-21 with the following amended paragraph:

HeLa cells (HeLa-env_{JR-FL}) which stably express the envelope glycoprotein from the JR-FL strain of HIV-1 were generated. The RET assay was then adapted to measure the fusion of HeLa-env_{JR-FL} with PM1 cells. PM1 cells were then used for immunizations. The resulting hybridomas were screened in the RET assay using HeLa-env_{JR-FL} and PM1 cells. Several hybridomas which inhibited fusion by 50% or greater were selected for further analysis. Hybridomas were analyzed by RET assay, flow cytometry and ELISA assay. All of the hybridomas selected for further analysis secreted mAb which continue to inhibit in the RET assay using HeLa-env_{JR-FL} and PM1 cells. Four of these hybridomas designated PA-3, PA-5, PA-6 and PA-7, have been cloned twice by the limiting dilution method and ascites fluid has been produced. mAb are currently being purified from the ascites fluid. The PA-6 and PA-7 hybridomas were deposited with the American Type Culture Collection (ATCC) under ATCC

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respectively. These deposits were made pursuant to, and in
satisfaction of, the requirements of the Budapest Treaty.